

Appendix B

Historical Influent Vapor Concentrations

(2001-2004)

CDM

APPENDIX B - HISTORICAL INFLUENT VAPOR CONCENTRATIONS, C-6 SVE SYSTEM, BUILDING 1/36 (2001 -2004)

SAMPLE DATE	LAB ID	SAMPLE LOCATION	COMPOUND																				
			PCE (ppbv)	TCE (ppbv)	1,1,1 TCA (ppbv)	1,1,2 TCA (ppbv)	1,1 DCE (ppbv)	cis-1,2 DCE (ppbv)	1,1 DCA (ppbv)	1,2 DCA (ppbv)	2-Butanone (ppbv)	Chloroform (ppbv)	Acetone (ppbv)	Methylene chloride (ppbv)	Trichloroethene (ppbv)	1,2,4 Trimethylbenzene (ppbv)	1,3,5 Trimethylbenzene (ppbv)	4-Ethyltoluene (ppbv)	Toluene (ppbv)	Benzene (ppbv)	Ethyl benzene (ppbv)	Xylenes (ppbv)	TNMOG (ppbv)
7/2/2001		EXHAUST 7/2/01	Exhaust	ND	18,000	140,000	810	110,000	ND	ND	20,000	ND	ND	1,200	ND	ND	110,000	ND	ND	ND	ND	NA	
7/2/2001		VIEW 1-2 DILUTED	Influent	ND	82,000	210,000	6,500	91,000	ND	5,000	ND	47,000	ND	10	1	ND	ND	1,100,000	ND	ND	7,200	NA	
7/13/2001		VIEW 1-4 DILUTED	Influent	ND	12,000	48,000	760	21,000	ND	1,100	ND	6,900	ND	540	ND	ND	ND	150,000	ND	ND	2,000	NA	
7/20/2001		VIEW 4-2 DILUTED	Influent	ND	6,300	31,000	360	12,000	ND	660	ND	3,500	ND	690	ND	ND	ND	80,000	ND	ND	ND	770	NA
7/27/2001		VIEW 1- DILUTED	Influent	ND	7,300	37,000	460	15,000	ND	880	ND	5,400	ND	1,200	ND	ND	ND	98,000	ND	ND	1,400	NA	
8/1/2001		VIEW 1- DILUTED	Influent	ND	7,000	47,000	400	16,000	ND	810	ND	4,800	ND	5	1,400	ND	ND	86,000	ND	ND	1,300	NA	
8/3/2001		EXHAUST 8/3/01	Exhaust	ND	15	330	ND	26	ND	ND	10	ND	24	6	ND	ND	ND	ND	220	ND	2	8	NA
8/3/2001		VIEW 1B DILUTED	Influent	ND	120,000	9,500,000	ND	660,000	ND	35,000	ND	98,000	ND	ND	ND	ND	ND	ND	350,000	ND	ND	ND	NA
8/10/2001		EXHAUST 7/2/01	Exhaust	ND	14	32	2	15	ND	ND	13	ND	20	2	ND	ND	ND	ND	290	ND	1	6	NA
8/10/2001		VIEW 1B DILUTED	Influent	ND	28,000	1,000,000	ND	110,000	ND	8,200	ND	37,000	ND	ND	ND	ND	ND	ND	140,000	ND	ND	ND	NA
9/11/2001		EXHAUST 9/1/01	Exhaust	ND	11	480	ND	41	3	2	ND	35	ND	49	6	ND	ND	ND	97	1	ND	4	NA
9/11/2001		VIEW 3A DILUTED	Influent	ND	46,000	3,500	ND	180,000	3,800	1,900	ND	ND	ND	ND	ND	ND	ND	ND	670	ND	ND	ND	NA
9/11/2001		EXHAUST 9/17/01	Exhaust	ND	28	ND	ND	ND	ND	ND	ND	2	ND	13	ND	ND	ND	ND	1	ND	ND	6	NA
9/11/2001		VIEW 3B DILUTED	Influent	ND	34,000	140,000	ND	200,000	3,000	7,600	ND	ND	6,900	ND	ND	ND	ND	ND	19,000	ND	ND	1,600	NA
9/24/2001		EXHAUST 9/24/01	Exhaust	9	ND	2	ND	ND	1	ND	ND	ND	10	1	ND	ND	ND	ND	5	ND	ND	ND	NA
9/24/2001		VIEW 3B DILUTED	Influent	ND	56,000	180,000	ND	210,000	5,300	11,000	ND	ND	18,000	ND	ND	ND	ND	ND	82,000	ND	780	6,700	NA
9/27/2001		VIEW 5A DILUTED	Influent	ND	100,000	52,000	ND	260,000	1,500	6,400	ND	ND	890	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
9/28/2001		VIEW 6A DILUTED	Influent	ND	36,000	15,000	ND	150,000	ND	1,200	ND	ND	ND	ND	ND	ND	ND	ND	730	ND	ND	ND	NA
1/3/2002		EXHAUST 1/3/02	Exhaust	74	4,400	1,700	ND	810	26	49	ND	ND	12	ND	11	ND	ND	ND	270	ND	ND	ND	NA
1/3/2002		DILUTED INLET BLDG 1 01/03/02	Influent	ND	12,000	34,000	ND	32,000	380	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	120,000	
2/7/2002		EXHAUST 2/7/02	Exhaust	ND	1	2	ND	3	ND	ND	ND	ND	6	2	ND	ND	ND	ND	3	ND	ND	ND	ND
2/7/2002		DILUTED INLET BLDG 1 02/07/02	Influent	ND	45,000	170,000	120	140,000	1,600	3,700	250	ND	330	ND	ND	ND	ND	ND	300	ND	ND	ND	NA
3/6/2002		EXHAUST 3/6/02	Exhaust	ND	1,600	61,000	220,000	ND	140,000	2,800	5,700	560	ND	490	ND	ND	ND	ND	4	ND	ND	ND	NA
3/6/2002		DILUTED INLET 3/6/02	Influent	ND	1	ND	ND	2	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	130	ND	ND	ND	NA
5/21/2002	GAC001D_AV052102_0001	Influent	260	48,000	15,000	ND	83,000	1,400	ND	2,200	ND	62,000	240	ND	6,200	ND	ND	ND	22,000	ND	ND	910	240,000
5/21/2002	GAC001E_AV052102_0002	Exhaust	ND	1	1	ND	ND	ND	ND	ND	ND	ND	3	1	ND	ND	ND	ND	1	ND	ND	ND	ND
6/3/2002	GAC001D_AV060302_0001	Influent	ND	29,000	220,000	ND	43,000	1,700	ND	2,700	ND	150,000	ND	ND	8,400	ND	ND	ND	170,000	ND	ND	2,500	80,000
6/3/2002	GAC001F_AV060302_0002	Exhaust	ND	ND	1	ND	ND	39	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
3/12/2003	GAC001U_AV031203_0001	Influent	140	25,000	6,900	ND	57,000	280	ND	530	ND	ND	ND	ND	ND	ND	ND	ND	810	ND	ND	110,000	
3/13/2003	GAC001U_AV031303_0001	Influent	110	24,000	37,000	ND	63,000	290	ND	530	ND	ND	ND	ND	ND	ND	ND	ND	25,000	180	ND	190,000	
3/14/2003	GAC001U_AV031403_0001	Influent	ND	29,000	66,000	ND	64,000	470	ND	970	ND	ND	ND	ND	ND	ND	ND	ND	70,000	ND	ND	350,000	
3/17/2003	GAC001U_AV031703_0001	Influent	ND	21,000	63,000	ND	54,000	360	ND	650	ND	ND	ND	ND	ND	ND	ND	49,000	ND	ND	240,000		
3/26/2003	GAC001D_AV032603_0001	Influent	ND	11,000	42	ND	18,000	260	ND	390	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	120,000		
4/1/2003	GAC001U_AV010103_0001	Influent	ND	12,000	64,000	ND	20,000	2,60	ND	420	ND	ND	ND	ND	ND	ND	ND	300	ND	ND	16,000		
4/1/2003	GAC01C_AV040103_0001	Breakthrough	ND	73	400	ND	130	2	ND	3	ND	ND	ND	6	ND	ND	ND	440	ND	ND	110	ND	
4/3/2003	GAC001U_AV040303_001	Influent	ND	8,100	41,000	ND	14,000																

APPENDIX B - HISTORICAL INFLUENT VAPOR CONCENTRATIONS, C-6 SVE SYSTEM, BUILDING 1/36 (2001 -2004)

SAMPLE DATE	LAB ID	SAMPLE LOCATION	COMPOUND																							
			PCE (ppbv)	TCE (ppbv)	1,1,1 TCA (ppbv)	1,1,2 TCA (ppbv)	1,1 DCE (ppbv)	cis-1,2 DCE (ppbv)	1,1 DCA (ppbv)	1,2 DCA (ppbv)	2-Butanone (ppbv)	Chloroform (ppbv)	Acetone (ppbv)	Methylene chloride (ppbv)	Trichlorofluoro-methane (ppbv)	1,3,5 Trimethylbenzene (ppbv)	4-Ethyl toluene (ppbv)	Benzene (ppbv)	Ethyl benzene (ppbv)	Xylylene (ppbv)	TNMOG (ppbv)					
4/7/2003	GAC001C_AV040703_0001	Breakthrough	ND	120	400	ND	320	4	8	ND	ND	ND	9	51	4	2	ND	3	130	4	2	11	1,500			
4/8/2003	GAC001U_AV040803_0001	Influent	ND	9,000	47,000	ND	14,000	310	630	ND	ND	ND	ND	14,000	ND	ND	ND	ND	130,000	ND	ND	ND	130,000			
4/8/2003	GAC001C_AV040803_0001	Breakthrough	ND	110	700	1	640	5	11	1	54	17	120	8	2	ND	2	ND	4	2	10	2,600				
4/9/2003	GAC001U_AV040903_0001	Influent	ND	9,900	90,000	ND	17,000	340	620	ND	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180,000				
4/9/2003	GAC001C_AV040903_0001	Breakthrough	ND	180	1,400	ND	1,300	ND	16	ND	ND	ND	ND	32	ND	ND	ND	ND	570	ND	ND	ND	4,100			
4/9/2003	GAC001E_AV040903_0001	Exhaust	ND	28	580	ND	24	ND	ND	ND	ND	ND	ND	15	4	ND	ND	ND	ND	ND	ND	ND	1,300			
4/10/2003	GAC001U_AV041003_0001	Influent	ND	17,000	480,000	ND	26,000	ND	2,300	ND	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	910,000			
4/10/2003	GAC001C_AV041003_0001	Breakthrough	ND	95	4,400	ND	2,700	ND	43	ND	130	ND	ND	420	18	ND	ND	ND	ND	ND	ND	ND	ND			
4/15/2003	GAC001U_AC041503_0001	Influent	ND	10,000	130,000	ND	10,000	ND	1,100	ND	42,000	ND	ND	ND	3,600	ND	ND	ND	ND	77,000	ND	ND	ND	390,000		
4/15/2003	GAC001C_AV041503_0001	Breakthrough	ND	ND	31,000	ND	5,000	ND	400	ND	590	ND	ND	ND	2,900	ND	ND	ND	ND	ND	ND	ND	ND	58,000		
4/16/2003	GAC001U_AV041603_0001	Influent	ND	8,400	150,000	ND	10,000	ND	790	ND	33,000	ND	ND	ND	2,600	ND	ND	ND	ND	ND	ND	ND	ND	330,000		
4/16/2003	GAC001C_AV041603_0001	Breakthrough	ND	150	1,600	3	89	5	7	ND	440	ND	ND	13	18	ND	ND	ND	ND	ND	ND	ND	ND	4,000		
4/24/2003	GAC001U_AV042403_0001	Influent	ND	7,900	89,000	250	7,500	460	780	230	54,000	ND	930	2,700	ND	ND	ND	ND	56,000	ND	140	960	ND	320,000		
4/24/2003	GAC001C_AV042403_0001	Breakthrough	ND	43	3,300	ND	260	ND	26	ND	260	ND	ND	740	ND	ND	ND	ND	350	ND	ND	ND	ND	7,000		
4/29/2003	GAC001U_AV042903_0001	Influent	ND	6,400	120,000	ND	6,300	ND	540	ND	45,000	ND	ND	ND	2,000	ND	ND	ND	ND	52,000	ND	ND	ND	ND	260,000	
4/29/2003	GAC001C_AV042903_0001	Breakthrough	ND	47	1,100	2	100	2	7	ND	460	ND	18	660	5	ND	ND	ND	2	390	ND	2	13	2,700		
5/6/2003	GAC0001X_AV050603_0001	Exhaust	ND	123	41	ND	3	ND	ND	ND	90J	ND	10	14	ND	ND	ND	ND	10	3	7	42	1,01	19	NA	
6/30/2003	GAC0001U_AV063003_0001	Influent	ND	74	3,800	21,000	ND	4,460	120	170	ND	1,200	ND	280	200	ND	ND	ND	ND	5,500	ND	ND	ND	ND	77,000	
6/30/2003	GAC0001X_AV063003_0001	Exhaust	0.00097J	0	0	ND	0	ND	ND	ND	0	ND	0	0	0.0024J	ND	0	0.0066	0.013	0.24	0.0017J	0.0056	0.037	1		
7/1/2003	GAC001U_AV070103_0001	Influent	ND	9,000	230,000	340J	7,100	510J	1,000	ND	33,000	ND	ND	ND	2,600	ND	ND	ND	ND	110,000	ND	270J	1,600	850,000		
7/31/2003	GAC0001U_AV073103_0001	Influent	ND	2,900	23,000	ND	2,000	92J	170J	ND	3,100	ND	ND	ND	230J	240	ND	ND	ND	22,000	ND	110J	820	110,000		
7/31/2003	GAC0001B_AV073103_0001	Breakthrough	ND	41	260	ND	69	1,2J	2.1	ND	31	ND	15	320	10	1.5J	ND	ND	1.6J	230	2	16	1,800	ND	57J	
7/31/2003	GAC0001X_AV073103_0001	Exhaust	ND	ND	2	ND	ND	ND	ND	ND	4.5J	ND	ND	8.6J	2.7	ND	ND	3.3	ND	3.1J	ND	ND	ND	ND	90,000	
8/28/2003	GAC0001X_AV082803_0001	Exhaust	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	2.9J	ND	ND	ND	ND	ND	1,3J	
8/28/2003	GAC0001B_AV082803_0001	Breakthrough	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	
8/28/2003	GAC0001U_AV082803_0001	Influent	ND	2,300	14,000	ND	1,400	ND	1,400	ND	160J	ND	ND	2,400	ND	ND	ND	330	ND	ND	ND	ND	ND	ND	25,000	
9/25/2003	GAC0001X_AV092503_0001	Exhaust	0.66J	ND	6.7	ND	ND	ND	ND	ND	ND	ND	ND	5.5J	ND	ND	ND	2.9	ND	ND	2.1	10	ND	ND	ND	2,500
9/25/2003	GAC0001B_AV092503_0001	Breakthrough	ND	31	550	1.9J	14	2.0J	2.6J	ND	280	ND	14J	280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,500
9/25/2003	GAC0001U_AV092503_0001	Influent	ND	3,000	44,000	180J	1,500	1,90J	260	120J	27,000	ND	710J	800	ND	ND	ND	ND	44,000	ND	97J	730	ND	220,000		
10/30/03	GAC0001X_AV103003_0001	Exhaust	ND	2,100	ND	21	ND	5.9	ND	ND	ND	ND	ND	5.8J	460	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,000
10/30/03	GAC0001U_AV103003_0001	Breakthrough	ND	ND	160,000	ND	2,000	ND	630	ND	ND	ND	ND	750	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250,000
10/30/03	GAC0001X_AV103003_0001	Influent	ND	5,000	160,000	200J	3,500	3,000	420	ND	190J	47,000	ND	1,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54,000
11/26/03	GAC0001X_AV112603_0001	Exhaust	ND	ND	4,000	ND	4,500</																			

APPENDIX B - HISTORICAL INFLUENT VAPOR CONCENTRATIONS, C-6 SVE SYSTEM, BUILDING 1/36 (2001 -2004)

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

SAMPLE DATE	LAB ID	SAMPLE LOCATION	COMPOUND																	
			PCE (ppbv)	TCE (ppbv)	1,1,1 TCA (ppbv)	1,1,2 TCA (ppbv)	1,1 DCE (ppbv)	cis-1,2 DCE (ppbv)	1,1 DCA (ppbv)	1,2 DCA (ppbv)	2-Butanone (ppbv)	Chloroform (ppbv)	Acetone (ppbv)	Methylene chloride (ppbv)	Trichlorofluoro-methane (ppbv)	1,2,4 Trimethylbenzene (ppbv)	4-Ethyl toluene (ppbv)	Ethyl benzene (ppbv)	Benzene (ppbv)	Ethyleneglycol (ppbv)
03/25/04	GAC0001X_AV032504_0001	Exhaust	ND	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.51	0.84J	ND	1.2J	100J
03/25/04	GAC0001B_AV032504_0001	Breakthrough	ND	6.8J	2,700	ND	13J	ND	ND	ND	ND	ND	ND	ND	ND	74	ND	ND	ND	4,900J
03/25/04	GAC0001V_AV032504_0001	Influent	ND	1,400	20,000	ND	610	ND	ND	47,000	ND	ND	ND	ND	ND	27,000	ND	ND	140J	100,000J
04/29/04	GAC0001X_AV042904_0001	Exhaust	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/04	GAC0001B_AV042904_0001	Breakthrough	ND	10	920	ND	9.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/29/04	GAC0001U_AV042904_0001	Influent	ND	610	10,000	ND	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48,000
05/27/04	GAC0001X_AV052704_0001	Exhaust	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/04	GAC0001B_AV052704_0001	Breakthrough	ND	13	240	0.92J	7.7	ND	0.69J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/27/04	GAC0001U_AV052704_0001	Influent	ND	1,400	24,000	88J	770	ND	ND	60,000	ND	ND	ND	ND	ND	ND	28,000	ND	ND	140,000
06/24/04	GAC0001X_AV062404_0001	Exhaust	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND
06/24/04	GAC0001B_AV062404_0001	Breakthrough	ND	2.9	40	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	ND	ND	ND
06/24/04	GAC0001U_AV062404_0001	Influent	ND	1,800	16,000	ND	900	ND	ND	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/29/04	GAC0001X_AV072904_0001	Exhaust	ND	ND	11	ND	5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	ND	ND	ND
07/29/04	GAC0001B_AV072904_0001	Breakthrough	ND	22	260	ND	26	ND	2.1J	ND	1,100	ND	ND	ND	ND	ND	150	22	ND	ND
07/29/04	GAC0001U_AV072904_0001	Influent	ND	950	6,900	ND	360	ND	ND	36,000	ND	ND	ND	ND	ND	ND	1,300	ND	ND	ND
08/26/04	GAC0001X_AV082604_0001	Exhaust	ND	ND	1.3J	ND	0.52J	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	ND
08/26/04	GAC0001B_AV082604_0001	Breakthrough	ND	9.9	120	ND	41	ND	1.8J	ND	360	ND	ND	ND	ND	ND	62	ND	ND	ND
08/26/04	GAC0001U_AV082604_0001	Influent	ND	920	7,500	ND	510	ND	ND	64,000	ND	ND	ND	ND	ND	ND	1,900	ND	ND	ND
09/20/04	GAC0001X_AV093004_0001	Exhaust	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
09/20/04	GAC0001B_AV093004_0001	Breakthrough	ND	7	74	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	30G	ND	ND	ND
09/20/04	GAC0001U_AV093004_0001	Influent	28J	730	8,100	23J	440	ND	ND	ND	29,000	ND	ND	ND	ND	ND	ND	ND	ND	ND

System Shut Down for Site Redevelopment.

Notes:

ppbv = parts per million by volume
 ND = not detected
 NA = not analyzed

TNMOOC = Total Non Methane Organic Carbons
 J = Estimated result. Result is less than Reporting Limit



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January 26, 2007

CDM Project File: 27355-47930, 5.2

Ms. Ana Townsend
California Regional Water Quality Control Board - Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: **Quarterly Report No. 20 - Fourth Quarter 2006 Full-Scale SVE System**
Boeing Realty Corporation, Former C-6 Facility
19503 South Normandie Avenue
Los Angeles, California

Dear Ms. Townsend:

On behalf of Boeing Realty Corporation (BRC), Camp Dresser & McKee Inc. (CDM) is submitting the above-referenced document for your review.

If you have any questions or concerns regarding this document, please call the undersigned at (949) 752-5452 or Beth Breitenbach at (619) 285-7109.

Very truly yours,



Ravi Subramanian, P.E.
Principal Engineer

Enclosure

Cc: Mario Stavale, BRC
Robert Scott, BRC (W/o enclosure)
Joe Weidmann, Haley & Aldrich, Inc. (W/o enclosure)